JC10 Rec'd PCT/PTO 0 6 MAY 2005

FORM,PTO-1390 (REV 10-94) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 00758.1468USWO TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 U.S. APPLICATION NO. (1f known, see 37 C.F.R. 1.5) Unknown INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLA PCT/US2003/035394 May 11, 2003 November 6, 2002 TITLE OF INVENTION FILTER CARTRIDGE HAVING COMPONENT FOR USE WITH A SENSOR SYSTEM; ASSEMBLIES; AND. METHODS APPLICANT(S) FOR DO/EO/US HACKER Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: [X] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. [X] This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l). A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. [X] A copy of the International Application as filed (35 U.S.C. 371(c)(2)) [X] is transmitted herewith (required only if not transmitted by the International Bureau). [X] has been transmitted by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US) [] A translation of the International Application into English (35 U.S.C. 371(c)(2)). [] [X] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are transmitted herewith (required only if not transmitted by the International Bureau). have been transmitted by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. [X] have not been made and will not be made, however, Amendments to the claims have been made under PCT Article 34... A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). [[X] An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11. to 16. below concern document(s) or information included: 11. [X] An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. [] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. [X] A FIRST preliminary amendment. A SECOND of SUBSEQUENT preliminary amendment. 14. [] A substitute specification. A change of power of attorney and/or address letter. 16. [X] Other items or information: Application Data Sheet (3 pages), Form PCT/ISA/210, Form PCT/IPEA/402, Form PCT/IB/304, Form PCT/IB/301, Form PCT/IPEA/408, Form PCT/ISA/202, Form PCT/ISA/224, Form PCT/RO/102, Form PCT/RO/105, Form PCT/RO/106, Form PCT/DO/EO/901 International Publication Page WO/2004/043570 A2

JC14 Rec'd PCT/PTO 0 6 MAY 2005

U.S. APPLICATION	NO. (If know	n, see 37 C.F.R. 1.5)		INTERNATIONAL APPLICATION	N NO.	ATTORNEY'S DOCKET NUMBER	•		
Unknown	10/	5341	98	PCT/US2003/035394	4	00758.1468USWO			
	ONAL F	EE (37 CFR 1.	\$300.00						
[X] b) Examina	ation fee		\$200.00						
[X] c) Search f	èe		\$500.00	*					
			\$1000.00						
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets E		fraction		of each additional 50 or thereof (round up to a whole number	Rate				
28 -100	= 0	/50 =			X \$250.00	\$0.00			
Surcharge of \$1 months from th			\$0.00						
CLAIM	IS	NUMBER	FILED	NUMBER EXTRA	RATE				
Total claims		18	-20 =	0	X \$50.00	\$0.00			
Independent cla		2	-3 =		X \$200.00	\$0.00			
MULTIPLE D	EPENDE	NT CLAIM(S)	(if applicabl	(e)	+ \$360.00	\$0.00			
			TOTAL	OF ABOVE CALC	CULATIONS =	\$0.00			
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27						\$0.00			
4		,		· · · · ·	SUBTOTAL =	\$1000.00			
Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f).						\$0.00			
			\$1000.00						
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$0.00				
			\$1000.00						
						Amount to be: refunded	\$0.00		
						charged	\$0.00		
a. [X] Check(s) in the amount of \$1000.00 to cover the above fees is enclosed.									
b. [] Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.									
 [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-2725</u>. 									
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.									
SEND ALL CORRESI		TO:				1/1	111		
Randall A. Hillson MERCHANT & GOULD					SIG	SIGNATURE:			
P.O. Box 2903 Minneapolis, MN 55402-0903 NAME: Randall A. Hillson									
			GISTRATION NUMBER: 31,838						

Applicant:

Hacker

Docket:

00758.1468USWO

Title:

FILTER CARTRIDGE HAVING COMPONENT FOR USE WITH A SENSOR SYSTEM;

ASSEMBLIES; AND, METHODS

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 541512056 US

Date of Deposit: May 6, 2005

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is add/essedno Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450.

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

We are transmitting herewith the attached:

Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.

National Stage PCT Patent Application: Spec. 28 pgs; 18 claims; Abstract 1 pgs.

The fee has been calculated as shown below in the 'Claims as Filed' table.

18 sheets of formal drawings

An unsigned Combined Declaration and Power of Attorney

A check in the amount of \$1000.00 to cover the Filing Fee

Information Disclosure Statement, Form 1449, 3 reference(s).

Application Data Sheet, 3 pages.

Other: Form PCT/ISA/210, Form PCT/IPEA/402, Form PCT/IB/304, Form PCT/IB/301, Form PCT/IPEA/408, Form PCT/ISA/202, Form PCT/ISA/224, Form PCT/RO/102, Form PCT/RO/105, Form PCT/RO/106, Form PCT/DO/EO/901 International Publication Page WO/2004/043570 A2, Preliminary Amendment (9 pages), Amended Replacement Drawing Sheet (1 page)

Return postcard

CLAIMS AS FILED

Number of Claims Filed	No.	In Excess of	Extra	Rate		Fee
Total Claims	18	20	0	50.00	=	0.00
Independent Claims	2	3	0	200.00	=	0.00
Multiple Dependent Claims Fee					=	0.00
Basic Filing Fee	=	300.00				
Search Fee		·	-		=	500.00
Examination Fee					=	200.00
Utility Application Size Fee	46	100	0	250.00	=	0.00
Total					=	1000.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903

612.332.5300

Name: Randall A. Hillson

Reg. No.: 31,838 Initials: RAH/cjc

PTO TRANSMITTAL - NEW FILING)

PATENT TRADEMARK OFFICE